



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

464-8138

Date of Issuance:

7/29/2016

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

KATHON™ 7 Granular MUP
Antimicrobial

Name and Address of Registrant (include ZIP Code):

The Dow Chemical Company
1803 Building
Midland, MI 48674

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Julie Chao, Product Manager 33
Regulatory Management Branch 1, Antimicrobials Division (7510P)

Date:

7/29/2016

2. Be aware that proposed data requirements have been identified in a Final Work Plan for MIT/CMIT. For more information on these proposed data requirements, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>.
3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 464-8138."
4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 04/21/2016

If you have any questions, you may contact Mohammad Alavi at (703) 347-0522 or via email at alavi.mohammad@epa.gov.

Sincerely,



Julie Chao, Product Manager 33
Regulatory Management Branch 1

Enclosure: Accepted Label

KATHON™ 7 Granular MUP Antimicrobial

[BRACKETS INDICATE PHRASES THAT WILL NOT APPEAR ON PRINTED LABEL]

Produced For – *When produced by a contract manufacturer*

THE DOW CHEMICAL COMPANY
Midland, Michigan 48674
Phone (989) 636-4400

Dow Diamond

®™*Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one

5.25%

2-Methyl-4-isothiazolin-3-one

1.75%

INERT INGREDIENTS:

93.00%

TOTAL: 100%

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 min.
- Remove contact lenses, if present, after first 5 min. then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

IF ON SKIN:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 min.
- Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for advice.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth.
- Call a poison control center or doctor for advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect 989-636-4400

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

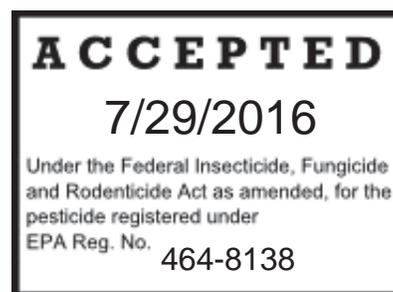
CORROSIVE

CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS

MAY CAUSE ALLERGIC SKIN REACTION

HARMFUL IF INHALED

MAY BE FATAL IF ABSORBED THROUGH THE SKIN OR SWALLOWED



Do not get in eyes, on skin, or on clothing. Mixers, loaders and others exposed to this product must wear: long-sleeved shirt and long pants; chemical resistant gloves such as nitrile or butyl rubber; shoes plus socks; goggles and face shield; and chemical resistant apron. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly. This product may cause skin sensitization reactions in some people.

ENVIRONMENTAL HAZARDS

This chemical is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

STORAGE AND DISPOSAL

PESTICIDE STORAGE

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Do not apply this product in a way that will contact workers or other persons.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

Non-refillable container. Do not reuse or refill this container. Completely empty into application equipment by shaking and tapping sides and bottom of container to loosen clinging particles. Then offer empty container for recycling or reconditioning for pesticides if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

NOTICE

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. **SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

Date of Manufacture: location for date
EPA Reg. No. 464-
EPA Est. No. establishment number

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

This product is recommended for use **ONLY** in the formulation of end-use industrial microbicides. Formulators are responsible for obtaining their own EPA registrations and developing the data required to support their registrations.

This product is designed for formulation into end-use pesticides products which are intended for use as a preservative/microbicide in the final commodity products listed below.

COOLING WATER SYSTEMS AND PROCESS WATER SYSTEMS

For the control of microbial biofilms, bacteria, algae, and fungi, in water systems such as industrial and commercial cooling water systems, industrial process water systems, brewery pasteurizers, can warmers, retort water systems, industrial scrubbing systems, hydrostatic sterilizer water systems, coal slurry systems, and influent water filtration systems.

AIR WASHER SYSTEMS/PAINT SPRAY BOOTHS

For the control of microbial biofilms, bacteria, algae, and fungi, in industrial air washer systems and paint spray booths.

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

For the control of bacteria, algae and fungi in industrial recirculating water cooling towers when added to the tower basin, distributor box or some other point to insure uniform mixing.

INDUSTRIAL RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS

For the control of bacteria, algae and fungi in industrial recirculating closed loop water cooling systems when added to the reservoir, recirculating line or some other point to insure uniform mixing.

CONVEYOR LUBRICANT PRESERVATION

For the control of bacteria and fungi in the manufacture and use of water based conveyor lubricants.

WATER BASED HYDRAULIC FLUID PRESERVATION

As a preservative in the manufacture and use of high water based hydraulic fluids and invert emulsion hydraulic fluids typically prepared by emulsifying 40% by volume water in 60% by volume of mineral oil using an oil soluble emulsifying agent.

FUEL PRESERVATION

For the control of bacteria and fungi in liquid hydrocarbon fuels such as: aviation fuels, kerosene, heating oils, diesel fuels, and residual fuel oils.

FOR USE IN AVIATION FUEL, THE FEDERAL AVIATION ADMINISTRATION MUST BE CONSULTED AS TO THE ACCEPTABILITY OF THE ADDITIVE FOR USE IN SPECIFIC ENGINES AND/OR AIRCRAFT.

METAL CLEANING FLUID PRESERVATION

As a preservative in the manufacture and use of alkaline, acid, and emulsion based metal cleaning fluids and general cleaning operations.

METALWORKING FLUID PRESERVATION

For the control of bacteria and fungi in soluble and emulsifiable aqueous metalworking fluids.

POLYMER LATEX PRESERVATION

For the control of bacteria and fungi in the manufacture and storage of synthetic and natural polymer latices including: acrylic; styrene/butadiene; carboxylated styrene/butadiene; ethylene/vinyl acetate; and biopolymers intended for industrial use, such as xanthum gum, gum arabic, guar gum, protein derived polymers, starches, casein derived polymer latices and solution polymers.

ADHESIVE AND TACKIFIER PRESERVATION

As an in-container preservative for the control of bacteria and fungi in water soluble and water dispersed adhesives such as animal glues, vegetable glues, natural rubber latices, polyvinyl acetate, styrene-butadiene, and acrylic latices. Recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins.

PAINT AND COATING PRESERVATION

As an in-container preservative for the control of bacteria and fungi in water based coatings such as paper and wood coatings, and paints used for architectural product finishes, and special purpose coatings.

PHOTOGRAPHIC EMULSION PRESERVATION

For the control of bacteria and fungi in the manufacture and storage of aqueous based materials such as gel solutions, dispersions and emulsions used in the manufacture of photographic products.

BUILDING MATERIAL PRESERVATION

As an in-container preservative for the control of bacteria and fungi in building materials such as mastics, caulks, joint cements, spackling, and grouting.

COMMERCIAL PHOTOPROCESSING SYSTEM PRESERVATION

To prevent slime formation or accumulation in photoprocessing tanks, replenishment systems, effluent, silver recovery and waste streams of commercial photoprocessing systems for the maintenance of non-fouled systems.

PHOTOPLATE PROCESSING, FOUNTAIN SOLUTIONS, AND INK/INK COMPONENTS

For the control of bacteria, fungi, and microbial biofilms in photoplate processing chemicals, fountain solutions, and printing inks and ink components such as resins, plasticizers, water soluble dyes, pigments, gelling agents, waxes, surfactants, and thickeners.

ELECTRODEPOSITION SYSTEMS

For the tankside control of bacteria, fungi and algae in electrodeposition systems and associated rinse systems.

ELECTRODEPOSITION PAINT COMPONENTS

For the control of bacteria, fungi and algae in electrodeposition paint components.

BREWERY PASTEURIZERS AND CAN WARMERS

For the control of bacteria, algae and fungi in brewery pasteurizing and can warmer systems.

IN-CONTAINER PRESERVATIVE

As an in-container preservative for the control of bacteria and fungi in industrial and household consumer products, such as air fresheners, automotive products, fabric softeners, hand cleaners, polishes for floors and furniture, shoe polishes, moist sponges and towelettes, spray starch, waxes and automotive polishes, hand and automatic dish detergents, liquid laundry detergents and car washes, household cleaners, industrial cleaners, liquid hand soaps, oil and grease removers, carpet cleaners and spot removers, waterless hand cleaners, raw materials for cleaning products, surfactants and silicone emulsions.

COLORANTS, DISPERSED PIGMENTS OR MINERAL SLURRY PRESERVATION

For the control of microbial biofilms, bacteria and fungi in the manufacture and storage of colorants, dispersed pigments, or mineral slurries such as kaolin and montmorillite clays, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate, and kieselguhr used in paint and paper productions.

WOOD AND WOOD PRODUCTS

For the protection of wood and wood products such as landscape timbers, fences, posts, terrestrial-use pilings, crossties, decks and similar exterior surfaces from mold and mildew.

PAPERMILLS

For the control of bacterial and fungal slime in the production of paper.

OIL FIELD INJECTION WATERS

For the control of slime-forming and sulfate reducing bacteria in oil and gas field water systems, including enhanced recovery injection fluids, drilling, fracturing and completion fluids. This product may be used for terrestrial and off-shore oil drilling muds and packer fluids.

ULTRA FILTRATION UNITS, CARBON BED FILTERS, AND NON-MEDICAL/NON-POTABLE REVERSE OSMOSIS SYSTEMS

For the control of microbial biofilms, bacteria and fungi in ultra filtration units and non-medical/non-potable reverse osmosis systems.

INDUSTRIAL WASTEWATER TREATMENT SYSTEMS AND SEWAGE SYSTEMS

For the control of microbial biofilms, bacteria, fungi and algae in industrial wastewater treatment and sewage systems.

SILICONE AND SURFACTANT CONCENTRATES

For the control of bacteria and fungi in silicone and surfactant concentrates.